When you absollutely need the highest performing and most reliable storage...

MorStor

Offers Unmatched performance, expandability and fault tolerance

Today, more than ever, it's imperative that your enterprise stays online.

Designed with enterprise class storage requirements in mind, the MorStor-e™, INLINE's fifth generation product, was developed to keep your data ***online and on-track***. Offering unequaled performance and a completely modular design, INLINE's MorStor-e options include the unmatched power of Fibre Channel, Solid State Disk Technology, and the Highest performing hardware controllers. designed for high demand transaction processing and bandwidth-hungry client-server applications, the MorStor architecture will meet and exceed your expectations. Every component of the MorStor-e system can be user-replaced without the need to power down or reset the system, from Redundant controllers modules to redundant high volume cooling assemblies.

The MorStor-e engineers developed this solution to be very modular. It can be configured with only the basic building blocks, then expanded as your needs grow. Since performance was designed from the ground up, there is no need to throw away old hardware and upgrade to new. You simply add the modular, plugable components, as you need them, from additional Fibre Channel Host connections, High Performance Solid State Disks modules, to the MorStor Net*RAID*™ option, providing direct network attach storage via NFS and CIFS.

Stay ONLINE with INLINE

WWW.INLINECORP.COM

INLINE Corporation

Corporate Headquarters
14121 Parke Long Court #112
Chantilly, Virginia 20151 USA
703-478-0800 / 800-465-4637

Need more capacity in a year? PLUG-IT-IN!

As your needs for capacity grow, simply plug in more storage. Easily insert a MorStor drive module for additional storage, dedicate it is as a warm stand-by or hot global spare in less than two minutes. With the MorStor modular storage system, you can choose your capacity and grow as you need it. You don't have to add another system, simply expand the one you have to meet your storage capacity requirement. *It is that simple.*

Need higher performance? PLUG-IT-IN!

You have grown….Your are pushing the limit of your MorStor storage system's bandwidth. So, plug in more performance. INLINE makes it so easy. You can add additional controllers, solid state disk modules and solid state caching modules by simply plugging them into the system. When you add a redundant controller, not only do you double your performance, but you also provide added redundancy for the other controllers. *It is that easy.*

Assured Availability? Already PLUGGED-IN!

If it can fail, the INLINE MorStor has built in redundancy. Every component of the MorStor is fully redundant and designed to keep you online no matter what. A drive, controller, fan or power supply fails? No problem, the redundant component has taken over the function and your data continues to flow to the MorStor array. You can simply swap out the failed component and replace it without a single interruption to your data access. Every user is oblivious that a component failed. They will continue to process company profit sharing plans, perform data analysis and gather signal data from the satellites. If your an ISP, your can feel comfortable your customers will always be able to stay online.

MorStor is used in High Availability Cluster solutions when you absolutely need to stay online. MorStor is certified for Microsoft Cluster Server under Windows NT and recommended as an integral component to any cluster solution.

Economical Investment!

INLINE MorStor offers you the best of both worlds. You can have the highest performance and the highest capacity redundant storage system. As your needs grow, the MorStor can grow with you. There is no need to buy unnecessary hardware. If you can use it, then you buy it. If you need it later, then buy it later, from additional disk space, redundant controllers to higher performance connections like Fibre Channel and LVD. *Again, simply add them as you need them.*

There is no need to start over or get a new system. *Just expand the MorStor you have!*

Complete Solution

INLINE's MorStor offers you: *Expandability; Scalability; Performance; Data Availability; and an Economical Investment.*

To keep your system running smoothly, INLINE's MorStor-*VIEW* RAID configuration and management software allows you to easily maintain, tune and manage your Enterprise storage. It will notify you in the event of a system component failure, an increase in temperature and many other situations which you control. If only you want to be paged during a controller related event and have all other events get email to your system administrator and be displayed in the sys logs, then click the buttons. *It is that flexible.*

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	MorStor-E4 DATACENTER	MorStor-E1 DEPARTMENTAL	MorStor-I WORKSTATION
Performance			
Maximum I/O rate (burst)	67,200 / Sec	33,600 / Sec	16,800 / Sec
Maximum I/O rate (Susteained)	26,200 / Sec	13,100 / Sec	6,550 / SEC
Maximum Transfer Rate	608 MB / Sec	153 / Sec	38 / Sec
Capacity			
number of Drives	36-768	4-144	3-15
Capacity -9 GB Drives	324 – 6912 GB	36 gb – 1296 gb	27 – 135 gb
-18 Gb Drives	648 gb -13.5 tb	72 gb – 2.5 tb	54 – 270 gb
Redundancy and Availability			
Multiple RAID Levels	●	●	●
Redundant, Fail-Over Controllers	●	●	
Redundant, Hot Swap Power Supplies	●	●	●
Redundant, Hot Swap Cooling Fans	●	●	●
Redundant Data Path with Failover	●	●	
Redundant, Hot-swap disk Drives	●	●	●
Global Hot Spare	●	●	●
Global hot Spares	●	●	●
Unique Features			
Simultaneous Heterogeneous Connectivity (Win NT, Solaris, HPUX, DGUX, IRIX, AIX & Othes)	●	●	●
Multiple RAID Sets tuned for specific data	●	●	●
Microsoft Cluster Certified	●	●	
Direct Network Attach	●	●	●
Simultaneous Network and Server Attach	●	●	
GUI Monitoring option	●	●	●
Multiple LUN Support	●	●	●
Storage Area Network Configuration	●	●	●
Simultaneous Host Connections	4	4	1
Battery Backup NVRAM Cache	●	●	
Connectivity			
Host	FC-AL, LVD, Ultra SCSI		LVD & Ultra SCSI
Disk	FC-AL, LVD, Ultra SCSI		LVD & Ultra SCSI
Drive Performance	7200 and 10K RPM		
Orientation	Rack & Desktop	Rack & Desktop	Rack & Desktop
Dimensions			
Control Module	7 x 19 x 25 (4u)	7 x 19 x 25 (4u)	N/A
DASD Module	5.75 x 18 x 21(3U)	5.75 x 18 x 21(3U)	5.75 x 18 x 21(3U)
Weight			
Control Module (Max)	101	101	N/A
DASD Module, Each (Max)	46	46	46
Power Requirements	All Can be configured for –48 VDC, 120 VAC and 240 VAC		

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